




2834

Docket: 6683.01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| | | |
|------------------|-------------------|-------------------------|
| First Named | | |
| Inventor: | Keith Hochhalter | |
| Application No.: | 10/057,833 | |
| Filing Date: | January 24, 2002 | Examiner: Not Yet Known |
| Title: | ELECTRIC ACTUATOR | Group Art Unit: 2834 |

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR 1.97(b)Commissioner for Patents
Washington, D.C. 20231I hereby certify that this document is being sent via First Class U. S.
mail addressed to: Commissioner for Patents, Washington, D.C.
20231 on this 30 day of July, 2002.
KrisAnne Popovits

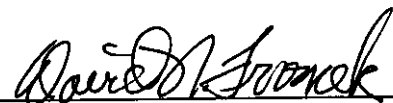
Dear Sir:

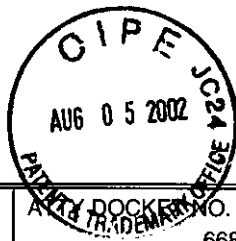
Pursuant to 37 CFR 1.97(b), the references listed on the attached Form PTO-1449 (3 sheets, submitted in duplicate) are brought to the attention of the Examiner for consideration in connection with the examination of the above-identified patent application. Copies of the identified references are enclosed as necessary. This IDS is being filed before the mailing of a first office action on the merits. In accordance with 37 CFR 1.97(b), no statement or fee is required.

Pursuant to the Manual of Patent Examining Procedure, Chapter 609, applicant requests that the Examiner consider each of the listed documents and initial and return to the undersigned a copy of the enclosed Form PTO-1449.

Respectfully submitted,

DORSEY & WHITNEY LLP

Date: July 30, 2002By: 
David N. Fronek
Reg. No. 25,678
Suite 1500
50 South Sixth Street
Minneapolis, Minnesota 55402-1498
Telephone: 612-340-2629



Sheet 1 of 3

| | | |
|---|--|-------------------------------|
| Form PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use several sheets if necessary) | APPLICATION NO. 6683.01 | APPLICATION NO. 10/057,833 |
| | APPLICANT Keith Hochhalter and Eugene F. Case | |
| | FILING DATE January 24, 2002 | GROUP ART UNIT 2834 |

U.S. PATENT DOCUMENTS

| Examiner Initial | Document Number | Date | Inventor Name | Class | Sub-class | Filing Date (if appropriate) |
|------------------|-----------------|------------|---------------------|-------|-----------|------------------------------|
| | 3,815,435 | 6-11-1974 | Eschenbacher et al. | | | |
| | 3,851,541 | 12-3-1974 | Ploss et al. | | | |
| | 4,198,872 | 4-22-1980 | Metz | | | |
| | 4,250,762 | 2-17-1981 | Weatherby | | | |
| | 4,266,437 | 5-12-1981 | Obergfell | | | |
| | 4,286,793 | 9-1-1981 | Ploss et al. | | | |
| | 4,369,011 | 1-18-1983 | Ploss | | | |
| | 4,393,319 | 7-12-1983 | Bock | | | |
| | 4,489,248 | 12-18-1984 | Petersen | | | |
| | 4,860,638 | 8-29-1989 | Hosono et al. | | | |
| | 4,987,822 | 1-29-1991 | Stoll | | | |
| | 5,087,845 | 2-11-1992 | Behrens et al. | | | |
| | 5,099,161 | 3-24-1992 | Wolfbauer, III | | | |
| | 5,121,042 | 6-9-1992 | Ako | | | |
| | 5,234,386 | 8-10-1993 | Nagai et al. | | | |
| | 5,363,741 | 11-15-1994 | Takada et al. | | | |
| | 5,445,045 | 8-29-1995 | Nagai et al. | | | |

FOREIGN PATENT DOCUMENTS

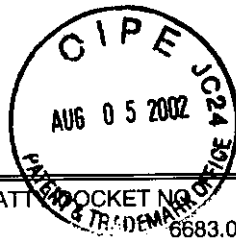
| Examiner Initial | Document Number | Date | Country | Class | Sub-class | Translation |
|------------------|-----------------|------|---------|-------|-----------|-------------|
| | | | | | | No |
| | | | | | | No |
| | | | | | | No |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| Examiner Initial | Document Description |
|------------------|----------------------|
| | |
| | |
| | |

| | |
|-----------------|------------------------|
| EXAMINER | DATE CONSIDERED |
|-----------------|------------------------|

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Sheet 2 of 3

| | | |
|---|--|-------------------------------|
| Form PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use several sheets if necessary) | ATTORNEY'S DOCKET NO. 6683.01 | APPLICATION NO. 10/057,833 |
| | APPLICANT Keith Hochhalter and Eugene F. Case | |
| | FILING DATE January 24, 2002 | GROUP ART UNIT 2834 |

U.S. PATENT DOCUMENTS

| Examiner Initial | Document Number | Date | Inventor Name | Class | Sub-class | Filing Date (if appropriate) |
|------------------|-----------------|------------|----------------|-------|-----------|------------------------------|
| | 5,491,372 | 2-13-1996 | Erhart | | | |
| | 5,499,547 | 3-19-1996 | Nagai et al. | | | |
| | 5,557,154 | 9-17-1996 | Erhart | | | |
| | 5,606,902 | 3-4-1997 | Hosono et al. | | | |
| | 5,614,778 | 3-25-1997 | Terao et al. | | | |
| | 5,617,772 | 4-8-1997 | Hosono et al. | | | |
| | 5,637,940 | 6-10-1997 | Nagai et al. | | | |
| | 5,676,016 | 10-14-1997 | Nagai et al. | | | |
| | 5,685,390 | 11-11-1997 | Chikuma et al. | | | |
| | 5,689,994 | 11-25-1997 | Nagai et al. | | | |
| | 5,747,896 | 5-5-1998 | Nagai et al. | | | |
| | 5,761,960 | 6-9-1998 | Nagai et al. | | | |
| | 5,784,922 | 7-28-1998 | Ozaki et al. | | | |
| | 5,796,187 | 8-18-1998 | Nagai et al. | | | |
| | 5,799,543 | 9-1-1998 | Nagai et al. | | | |
| | 5,809,831 | 9-22-1998 | Nagai et al. | | | |
| | 5,884,549 | 3-23-1999 | Hosono et al. | | | |

FOREIGN PATENT DOCUMENTS

| Examiner Initial | Document Number | Date | Country | Class | Sub-class | Translation |
|------------------|-----------------|------|---------|-------|-----------|-------------|
| | | | | | | No |
| | | | | | | No |
| | | | | | | No |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| Examiner Initial | Document Description |
|------------------|----------------------|
| | |
| | |
| | |

| EXAMINER | DATE CONSIDERED |
|----------|-----------------|
| | |

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE
(Rev. 2-32) PATENT AND TRADEMARK OFFICE

ATTORNEY'S NO.

6683.01

APPLICATION NO.

10/057.833

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use several sheets if necessary)

APPLICANT

Keith Hochhalter and Eugene F. Case

FILING DATE

January 24, 2002

GROUP ART UNIT

2834

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

| Examiner Initial | Document Number | Date | Country | Class | Sub-class | Translation |
|------------------|-----------------|------|---------|-------|-----------|-------------|
| | | | | | | No |
| | | | | | | No |
| | | | | | | No |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| Examiner Initial | Document Description |
|------------------|----------------------|
| | |
| | |
| | |

| | |
|----------|-----------------|
| EXAMINER | DATE CONSIDERED |
|----------|-----------------|

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.